

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 62-097601

(43)Date of publication of application : 07.05.1987

(51)Int.Cl.

B01D 3/38
C08F 6/00

(21)Application number : 60-234873

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(22)Date of filing : 21.10.1985

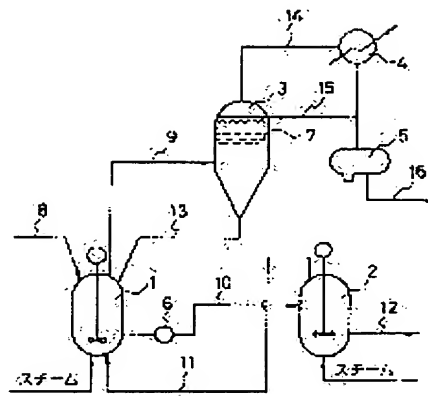
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(54) PROCESS FOR RECOVERING SOLVENT BY STEAM STRIPPING

(57)Abstract:

PURPOSE: To contrive energy saving, by blowing effluent gas from the subsequent stage into the preceding stage to recover the effluent gas of the initial gas by cooling when solvent is recovered from slurry containing polymers by a multistage countercurrent stripping using a tank.

CONSTITUTION: Slurry is fed through a pipe 8 into a tank 1 where steam is blown into. Solvent is purged through a pipe 9 to a plate column 3 and further condensed in a condenser 4 to be recovered, while the recovered solvent is received by a receiver 5. Part of the recovered solvent is returned through a pipe 15 to the plate column 3, contacted with effluent gas from the tank 1, where impurities and water in the effluent gas are removed, and returned to the tank 1 through a pipe 13. Slurry in the tank 1 is withdrawn by a pump 6 and sent to a tank 2 through a pipe 10, where steam is blown into to keep said tank 2 at a temperature higher than that of the tank 1, while the solvent is returned to the tank 1 through a pipe 11.



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[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]

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